

CLAIMS

What is claimed is:

1. A pallet container assembly comprising:
 - a bottom pallet providing at least one upper surface area;
 - a thin-walled rigid inner receptacle for storage and transport of liquid or free-flowing contents; and
 - a cage-like bar frame closely surrounding the receptacle and securely connected with the bottom pallet,

wherein the upper surface area provided at the bottom pallet and bounded by the support area of the inner plastic container is provided with means for increasing slip resistance between a bottom surface of the support area of the inner container and the corresponding upper surface at the bottom pallet in the form of form-fitting elements, wherein the means for increasing slip resistance is configured as material projections extending upwardly from the upper surface of the bottom pallet and wherein the corresponding bottom surface of the inner plastic container is provided with respective dimples for interlocking engagement with the material projections from the bottom pallet and relative to a horizontal plane.
2. The pallet container assembly of claim 1, wherein the material projections have an engagement height of about 5 mm to 50 mm.

3. The pallet container assembly of claim 2, wherein the material projections have an engagement height of about 20 mm.
4. The pallet container assembly of claim 1, wherein the material projections are sloped laterally at an angle between 45° and 85°.
5. The pallet container assembly of claim 4, wherein the material projections are sloped laterally at an angle of about 80°.
6. The pallet container assembly of claim 1, wherein the material projections which are interlocking a support surface of the inner plastic container and an upper surface at the bottom pallet extend in a shape selected from the group consisting of circular, triangular and polygonal.
7. The pallet container assembly of claim 1, wherein the means for increasing slip resistance between the support surface of the inner container bottom and the corresponding upper surface at the bottom pallet are in the form of at least one of frictional connection elements and bonding elements selected from the group of bonding pads, adhesive strips, Velcro elements and bonding areas to establish one of an adhesive or a bonding effect in the direction of the horizontal plane suitable for sustaining stress on the pallet container and for detachment in vertical direction when the inner container is replaced.

8. The pallet container assembly of claim 7, wherein one or more of the means for increasing slip resistance is selected from the group of material projections interlocking with corresponding dimples, frictional connection elements, bonding elements and all of the foregoing.